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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. FINNEGAN, HENDERSON, FARABOW GARRETT & DUNNER, L.L.P. 1300 I STREET, N.W. MAR 2 5 2005 **WASHINGTON, DC 20005-3315** 03/28/2005 SZEWDIE2 00000066 09855754 (Signature) 01 FC:1501 1400.00 DP (Date) 300.00 BP 02 FC:1504 APPLICATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. FILING DATE CONFIRMATION NO. 09/855,754 -09/10/2001 Caroline Boursaux-Eude 03495.0206 8881
TITLE OF INVENTION: POLYPEPTIDES CONTAINING POLYMORPHISMS OF THE REPEATED REGIONS OF PERTACTIN IN BORDETELLA PERTUSSIS, BORDETELLA PARAPERTUSSIS, AND BORDETELLA BRONCHISEPTICA, THEIR USE IN DIAGNOSTICS, AND IN IMMUNOGENIC COMPOSITIONS APPLN, TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE \$1400 03/28/2005 nonprovisional \$300 \$1700 **EXAMINER** ART UNIT CLASS-SUBCLASS NAVARRO, ALBERT MARK 1645 424-184100 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Finnegan, Henderson, (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. agents OR, alternatively, 2 Farabow, Garrett & (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. ☐ "Fee Address" indication (or "Fee Address" Indication form L.L.P. PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Dunner, Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE INSTITUT PASTEUR PARIS, FRANCE Please check the appropriate assignee category or categories (will not be printed on the patent) : 🔲 Individual 🍒 Corporation or other private group entity 🚨 Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Issue Fee Payment by credit card. Form PTO-2038 is attached. any defeciencies

The Director is hereby authorized by charge the total received any overpayment, to Deposit Account Number (enclose an extra copy of this form). Publication Fee (No small entity discount permitted) Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. March 25, 2005 Authorized Signature Meyers Registration No. 25,146 Typed or printed name Kenneth J.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 23317-1450. Box 1450, Alexandria, Virginia 2: Alexandria, Virginia 22313-1450.

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